COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

[X]	original				
[]	divisional				
[]	continuation				
[]	continuation-in-part				
	INVENTORSHIP IDENTIFICATION				
original, first a	post office address and citizenship are as stated below next to my name. I believe I am the nd sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural below) of the subject matter which is claimed and for which a patent is sought on the invention				
	TITLE OF INVENTION				
	"ELEMENTS HAVING EROSION RESISTANCE"				
	SPECIFICATION IDENTIFICATION				
The specification	n of which:				
[X]	is attached hereto				
[]					
	and was amended on (if applicable)				
[]	was described and claimed in PCT International Application No.				
filed on	and as amended under PCT Article 19 on				
A .	CIVALOUIT EDGE ACTOR OF DEFENSE OF THE COLUMN TO THE COLUMN THE COLUMN TO THE COLUMN TO THE COLUMN TO THE COLUMN THE COLU				

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

[X]

	[] Such a	pplications have been filed a	s follows:	
A.	_	PCT application(s) filed witty claims under 35 U.S.C.		design) prior to this application,
Coun	try/PCT	Application No	Date Filed	Priority Claimed
				[] Yes [] No [] Yes [] No [] Yes [] No
В.	All foreign app U.S. application	olication(s), if any, filed mo	re than 12 mos. (6 mos fo	or design) prior to this
	Country: Application No Filing date:	:		
		PRIORITY CI	AIM (35 U.S.C. §120)	
subject manner informatikelihotissue a	tional application matter of each of provided by the ation that is mate and that a reasona is a patent) which	(s) designating the United Soft the claims of this application first paragraph of Title 35, with a similar to the examination of this ble Examiner would consider	tates of America that is/aution is not disclosed in the United States Code, §112, is application (namely, information in deciding	Inited States application(s) or PCT re listed below and, insofar as the at/those prior application(s) in the I acknowledge the duty to disclose ormation where there is substantial whether to allow the application to cation(s) and the national or PCT
		th applications have been file pplications have been filed, a		
			Statu	
	Serial No.	Filing Date	Patented Pending	Abandoned

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

> Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Joseph Bach Registration No. 37,771 Walter Benjamin Glenn Registration No. 44,713 Robert W. Mulcahy Registration No. 25,436 Robert M. Wallace Registration No. 29,119

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052.

Robert M. Wallace (805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fir	st inventor: TONY S	. KAUSHAL
Inventor's signature:	Skowshall	Date: Feb 18, 2002
Residence:	CUPERTINO, CA 95014	
Post Office Address:	10416 PRUNE TREE LAN	TE .
	CUPERTINO, CA 95014	
	U.S.A.	Country of Citizenship: INDIA
Full name of second in	ventor: CHUON	G QUANG DAM
Inventor's signature:		Date:
Residence:	SAN JOSE, CA 95120	
Post Office Address:	1222 POLK SPRING COU	TRT
	SAN JOSE, CA 95120	
	U.S.A.	Country of Citizenship: USA

Full name of third inventor:

DANIEL ASHKIN

Inventor's signature:		Date:	
Residence:	CARLSBAD, CA 92009		
Post Office Address:	7349-D ALICANTE ROAD		
	CARLSBAD, CA 92009		
	U.S.A.	Country of Citizenship: USA	

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below	' named	inventor,	I hereby	declare	that
------------	---------	-----------	----------	---------	------

This declaration is of the following type:
[X] original [] divisional [] continuation [] continuation-in-part
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
TITLE OF INVENTION
"ELEMENTS HAVING EROSION RESISTANCE"
SPECIFICATION IDENTIFICATION
The specification of which:
 [X] is attached hereto [] was filed on @, under Serial No. (unknown), executed on even date herewith; or [] Express Mail No. @(as Serial No. not yet known) and was amended on
ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,
and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
[] In compliance with this duty there is attached an Information Disclosure Statement in

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[X]	No suc	ch applications	have been	filed.					
	[] Such applications have been filed as follows:									
A.	Prior f	oreign/l y priori	PCT application application to the second se	on(s) filed ver 35 U.S.C	within 12 mos C. §119	s. (6 mos	. for design	ı) prior to	this	application,
Count	ry/PCT		Applicati	on No	<u>Dat</u>	e Filed		Priority C	Claim	ed
								[] Yes [] Yes [] Yes	[]	No
В.	All fore	eign app plicatio	lication(s), if a	any, filed n	nore than 12 i	nos. (6 m	os for desig	gn) prior to	o this	ï
	Country Applicate Filing de	tion No:								
			PI	RIORITY (CLAIM (35 U	.S.C. §12	(0)			
subject is manner informat likelihoo issue as	matter of provided tion that a date a patent	lication(feach of the filter by the filter by the filter constant const	it under Title 3 s) designating f the claims of irst paragraph ial to the exam ble Examiner w occurred betw f this application	the United f this applied of Title 35 mination of the vould considured the file.	States of Americation is not of , United States this application der it important	erica that lisclosed in Code, §1 In (namely, at in decide	is/are listed in that/those 112, I acknown, information ling whethe	d below and prior approvided the control of the con	d, in licati e duty ere is	sofar as the on(s) in the v to disclose s substantial oplication to
	[X] []		applications h							
		•	-			S	Status			
	Serial No	<u>o</u> .	Filing Date		Patented Pene		Abando	ned		

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 Registration No. 35,412 James C. Wilson Joseph Bach Registration No. 37,771 Walter Benjamin Glenn Registration No. 44,713 Robert W. Mulcahy Registration No. 25,436 Robert M. Wallace Registration No. 29,119

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052.

Robert M. Wallace (805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

TONY S. KAUSHAL

Inventor's signature:		Date:
Residence:	CUPERTINO, CA 95014	
Post Office Address:	10416 PRUNE TREE LANE	
	CUPERTINO, CA 95014	
	U.S.A.	Country of Citizenship: INDIA
Full name of second in Inventor's signature:	Clinysom	ANG DAM Date: 2/13/02
Residence:	SAN JOSE, ÇÁ 95120	·
Post Office Address:	1222 POLK SPRING COURT	
	SAN JOSE, CA 95120	
	U.S.A.	Country of Citizenship: USA

Full name of third inventor:

Full name of sole or first inventor:

DANIEL ASHKIN

ø
Ų.
T)
Ė
um'n
A 200 MM

Inventor's signature:		Date:	
Residence:	CARLSBAD, CA 92009		
Post Office Address:	7349-D ALICANTE ROAD		
	CARLSBAD, CA 92009		
	U.S.A.	Country of Citizenship: USA	

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As	a	below	named	inventor,		hereb	y d	lec	lare	tl	ıa	t
----	---	-------	-------	-----------	--	-------	-----	-----	------	----	----	---

[X]	original
[]	divisional
[]	continuation
[]	continuation-in-part

This declaration is of the following type:

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"ELEMENTS HAVING EROSION RESISTANCE"

SPECIFICATION IDENTIFICATION

The specification of which:

[X]	is attached hereto					
[]	was filed on @, under Serial No. (unknown), executed on even date herewith; or					
	[] Express Mail No. @(as Serial No. not yet known)					
	and was amended on (if applicable)					
[] was described and claimed in PCT International Application No.						
filed on	and as amended under PCT Article 19 on					

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

]	In compliance	with thi	s duty	there	is	attached	an	Information	Disclosure	Statement	in
ac	cordar	ice with 37 CF	R §1.98.									

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for
patent or inventor's certificate or of any PCT international application(s) designating at least one country other
than the United States of America listed below, and have also identified below any foreign application(s) for
patent or inventor's certificate or any PCT international application(s) designating at least one country other than
the United States of America filed by me on the same subject matter having a filing date before that of the
application(s) of which priority is claimed.

applica	tion(s) o	of which	priority is cla	aimed.		·	•	J	0				
	[X]	No su	ch application	ns have beer	n filed.								
	[] Such applications have been filed as follows:												
A.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119												
Coun	try/PCT		Applic	ation No		Date Filed	<u>1</u>	<u>]</u>	Priority (Claim	<u>ed</u>		
								[Yes Yes Yes Yes	[]	No No No		
В.	All for U.S. a	eign app	plication(s), :	if any, filed	l more tha	n 12 mos. (d	6 mos for	· design) prior t	o this			
	Countr Applica Filing	ation No	:										
				PRIORITY	Y CLAIM	(35 U.S.C.	§1 20)						
internat subject manner informa likeliho issue as	ional apy matter of provided tion that od that a s a pater	plication of each of d by the t is mate t reasona nt) which	fit under Title (s) designation of the claims first paragrapial to the examine to occurred be of this applica	ng the Unite of this appropriate of Title 3 armination or would connectween the	ed States of oblication is 35, United of this appliasider it im	f America to not disclose States Code cation (nam portant in de	hat is/are ed in that e, §112, I ely, infor eciding w	listed to the list of the list	below and prior appoint of the design of the	nd, in plicati e duty nere is the ar	sofar as the on(s) in the to disclose s substantial oplication to		
	[X] []		h application pplications ha			ws:							
	Cambal 3	ıT.	Dillio D.			175	Status						
	Serial N	<u> </u>	Filing Date	· · · · · · · · · · · · · · · · · · ·	Patente	d Pending	Al	bandone	<u>ed</u>				

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Joseph Bach Registration No. 37,771 Walter Benjamin Glenn Registration No. 44,713 Robert W. Mulcahy Registration No. 25,436 Robert M. Wallace Registration No. 29,119

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052. Robert M. Wallace (805) 644-4035

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

TONVS KALISHAI

i dii hame of sole of in	st inventor. TONT 5. KAC	BILL	
Inventor's signature:		Date:	
Residence:	CUPERTINO, CA 95014		
Post Office Address:	10416 PRUNE TREE LANE		
	CUPERTINO, CA 95014		
	U.S.A.	Country of Citizenship: INDIA	
Full name of second in	ventor: CHUONG QU	ANG DAM	
Inventor's signature:		Date:	
Residence:	SAN JOSE, CA 95120		_
Post Office Address:	1222 POLK SPRING COURT		
	SAN JOSE, CA 95120		
	IISA	Country of Citizenship: HSA	

Full name of third inventor:

Full name of sole or first inventors

DANIEL ASHKIN

TOOMS OF OUT OF THE

Inventor's signature:

Residence:
Post Office Address:

CARLSBAD, CA 92009 7349-D ALICANTE ROAD

CARLSBAD, CA 92009

U.S.A.

Date: Fet. 20, 2002

Country of Citizenship: USA

(Declaration ends with this page)